

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/657,310
Filing Date	09/08/2003
First Named Inventor	Robin G. Skinner
Art Unit	3748
Examiner Name	THERESA TRIEU
Attorney Docket Number	TEC1215/C-507

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TT		US- 5,110,268	05-05-1992	Sakurai et al.	
		US- 5,137,437	08-11-1992	Machida et al.	
		US- 5,176,506	01-05-1993	Siebel	
		US- Re. 34,297	06-29-1993	Elson	
		US- 5,345,785	09-13-1994	Sekigami et al.	
		US- 5,391,066	02-21-1995	Sawai et al.	
		US- 5,580,233	12-03-1996	Wakana et al.	
		US- 5,597,293	01-28-1997	Bushnell et al.	
		US- 5,695,326	12-09-1997	Oka et al.	
		US- 6,167,719	01-02-2001	Yakumaru et al.	
TT		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
TT		JP02001020881A	01-23-2001	Sekigami, Kazuo		


Examiner  
SignatureDate  
Considered

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO.		APPLICATION NO.		
				TEC1215-01/C-507		10/657.310		
				APPLICANT(S)				
				Robin G. Skinner				
FILING DATE				GROUP ART UNIT				
September 8, 2003				3748				
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
TT		Re. 25,569	05/05/1964	Coron et al.	<del>230</del>	<del>117</del>		
		2,661,172	12/01/1953	Needham	248	19		
		3,039,725	06/19/1962	Kerley, Jr.	<del>248</del>	<del>20</del>		
		3,145,960	08/25/1964	Langdon	<del>248</del>	<del>13</del>		
TT		3,749,340	07/31/1973	Williams et al.	<del>248</del>	<del>34</del>		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
TT		2001/0055536	12/27/2001	Bernardi et al.	<del>418</del>	<del>55.6</del>		
TT		2001/0006603	07/05/2001	Hong et al.	<del>418</del>	<del>66.1</del>		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
TT		JP402061382A	03/01/1990	Japan				
		JP407259764A	10/09/1995	Japan				
		JP61087994	05/06/1986	Japan				
		JP410148191A	06/02/1998	Japan				
TT		JP2002098056A	04/05/2002	Japan				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER					DATE CONSIDERED			
					JUNE 15, 2005			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary) <div style="text-align: left; margin-top: 10px;"> </div>				ATTY DOCKET NO. <b>TEC1215-01/C-507</b>		APPLICATION NO. <b>10/657,310</b>		
				Robin G. Skinner				
				FILING <b>September 8, 2003</b>		GROUP ART <b>3748</b>		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
TT		3,785,167	01/15/1974	Sahs	<del>62</del>	<del>396</del>		
		4,089,613	05/16/1978	Babbitt, Jr.	<del>403</del>	<del>388</del>		
		4,244,680	01/13/1981	Ishizuka et al.	<del>418</del>	<del>97</del>		
		4,389,171	06/21/1983	Eber et al.	<del>418</del>	<del>15</del>		
TT		4,416,594	11/22/1983	Ichikawa	<del>417</del>	<del>360</del>		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
TT		JP2002021729A	01/23/2002	Japan	—	—		
TT		2 755 477 A1	11/05/1997	France	—	—		
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER			DATE CONSIDERED					
			JUNE 15, 2005					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

TEC1215-01/C-507

APPLICATION NO.

10/657,310

Robin G. Skinner

FILING

September 8, 2003

GROUP ART

3748

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	4,497,615	02/05/1985	Griffith	<del>417</del>	<del>310</del>	
	4,518,276	05/21/1985	Mitchell et al.	<del>403</del>	<del>13</del>	
	4,552,518	11/12/1985	Utter	<del>410</del>	<del>55</del>	
	4,557,677	12/10/1985	Hasegawa	<del>410</del>	<del>63</del>	
TT	4,685,188	08/11/1987	Goy	<del>29</del>	<del>446</del>	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
**TEC1215-01/C-507**

APPLICATION NO.  
**10/657,310**

**Robin G. Skinner**

FILING  
**September 8, 2003**

GROUP ART  
**3748**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	4,767,293	08/30/1988	Caillat et al.	<del>410</del>	<del>55</del>	
	4,792,288	12/20/1988	Gromoll et al.	<del>417</del>	<del>378</del>	
	4,818,198	04/04/1989	Tamura et al.	<del>410</del>	<del>55</del>	
	4,877,382	10/31/1989	Caillat et al.	<del>418</del>	<del>55</del>	
TT	4,992,033	02/12/1991	Caillat et al.	<del>418</del>	<del>55.3</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

**JUNE 15, 2005**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,012,896	05/07/1991	Da Costa	<del>184</del>	<del>616</del>	
	5,055,010	10/08/1991	Logan	<del>417</del>	<del>410</del>	
	5,062,779	11/05/1991	Da Costa	<del>418</del>	<del>270</del>	
	5,114,322	05/19/1992	Caillat et al.	<del>418</del>	<del>55.6</del>	
TT	5,211,031	05/18/1993	Murayama et al.	<del>62</del>	<del>498</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*[Signature]*

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.

TEC1215-01/C-507

APPLICATION NO.

10/657,310

APPLICANT(S)

Robin G. Skinner

FILING DATE

September 8, 2003

GROUP ART UNIT

3748

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,219,281	06/15/1993	Caillat et al.	<del>418</del>	<del>55.6</del>	
	5,222,885	06/29/1993	Cooksey	<del>418</del>	<del>96</del>	
	5,224,845	07/06/1993	Mangyo et al.	<del>417</del>	<del>423.13</del>	
	5,240,391	08/31/1993	Ramshankar et al.	<del>417</del>	<del>410 R</del>	
TT	5,247,738	09/28/1993	Yoshii	<del>29</del>	<del>888.022</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*[Signature]*

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,312,234	05/17/1994	Yoshii	<del>418</del>	<del>551</del>	
	5,345,970	09/13/1994	Leyderman et al.	<del>437</del>	<del>856</del>	
	5,346,375	09/13/1994	Akiyama et al.	<del>418</del>	<del>15</del>	
	5,348,455	09/20/1994	Herrick et al.	<del>418</del>	<del>63</del>	
TT	5,370,156	12/06/1994	Peracchio et al.	<del>437</del>	<del>856</del>	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,427,511	06/27/1995	Callat et al.	<del>418</del>	<del>55.1</del>	
	5,474,433	12/12/1995	Chang et al.	<del>418</del>	<del>55.4</del>	
	5,487,648	01/30/1996	Alfano et al.	<del>417</del>	<del>312</del>	
	5,522,715	06/04/1996	Watanabe et al.	<del>418</del>	<del>55.1</del>	
TT	5,531,577	07/02/1996	Hayase et al.	<del>418</del>	<del>55.1</del>	

## U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED  
JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,533,875	07/09/1996	Crum et al.	<del>417</del>	<del>368</del>	
	5,579,651	12/03/1996	Sugiyama et al.	<del>62</del>	<del>469</del>	
	5,597,296	01/28/1997	Akazawa et al.	<del>418</del>	<del>55.1</del>	
	5,634,781	06/03/1997	Yoshida et al.	<del>418</del>	<del>55.1</del>	
TT	5,645,408	07/08/1997	Fujio et al.	<del>418</del>	<del>55.4</del>	

## U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,660,539	08/26/1997	Matsunaga et al.	418	55.6	
	5,683,237	11/04/1997	Hagiwara et al.	418	55.2	
	5,716,202	02/10/1998	Koyama et al.	418	55.6	
	5,720,601	02/24/1998	Tark et al.	417	56.9	
TT	5,745,992	05/05/1998	Caillat et al.	29	888.02	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

TEC1215-01/C-507

APPLICATION NO.

10/657,310

APPLICANT(S)

Robin G. Skinner

FILING DATE

September 8, 2003

GROUP ART UNIT

3748

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,752,688	05/19/1998	Campbell et al.	<del>248</del>	<del>674</del>	
	5,769,126	06/23/1998	Cho	<del>437</del>	<del>856</del>	
	5,772,411	06/30/1998	Crum et al.	<del>417</del>	<del>368</del>	
	5,772,416	06/30/1998	Callat et al.	<del>418</del>	<del>556</del>	
TT	5,775,894	07/07/1998	Kosco, Jr.	<del>418</del>	<del>63</del>	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*[Signature]*

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,810,572	09/22/1998	Yamamoto et al.	<del>418</del>	<del>35.6</del>	
	5,829,959	11/03/1998	Tsubono et al.	<del>418</del>	<del>33.5</del>	
	5,863,190	01/26/1999	Yamamoto et al.	<del>418</del>	<del>55.1</del>	
	5,913,892	06/22/1999	Kwon	<del>62</del>	<del>296</del>	
TT	5,931,649	08/03/1999	Caillat et al.	<del>418</del>	<del>55.1</del>	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JWE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

TEC1215-01/C-507

APPLICATION NO.

10/657,310

Robin G. Skinner

FILING

September 8, 2003

GROUP ART

3748

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	5,931,650	08/03/1999	Yasu et al.	<del>418</del>	<del>55.3</del>	
	5,947,709	09/07/1999	Koyama et al.	<del>418</del>	<del>55.6</del>	
	5,964,581	10/12/1999	Iizuka et al.	<del>417</del>	<del>410.3</del>	
	6,000,917	12/14/1999	Smerud et al.	<del>417</del>	<del>368</del>	
TT	6,011,336	01/04/2000	Mathis et al.	<del>310</del>	<del>91</del>	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*hals*

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	6,027,321	02/22/2000	Shim et al.	<del>418</del>	<del>1</del>	
	6,039,551	03/21/2000	Takeuchi et al.	<del>418</del>	<del>88</del>	
	6,050,794	04/18/2000	Noboru et al.	<del>418</del>	<del>55.6</del>	
	6,056,523	05/02/2000	Won et al.	<del>418</del>	<del>15</del>	
TT	6,106,254	08/22/2000	Hirooka et al.	<del>418</del>	<del>55.6</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JUNE 15, 2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	6,132,191	10/17/2000	Hugenroth et al.	<del>418</del>	<del>55.1</del>	
	6,139,291	10/31/2000	Perevozchikov	<del>418</del>	<del>55.1</del>	
	6,156,106	12/05/2000	Kamata	<del>96</del>	<del>189</del>	
	6,162,035	12/19/2000	Hayano et al.	<del>418</del>	<del>220</del>	
TT	6,171,076	01/09/2001	Gannaway	<del>417</del>	<del>350</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*[Signature]*

DATE CONSIDERED  
JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.

TEC1215-01/C-507

APPLICATION NO.

10/657,310

APPLICANT(S)

Robin G. Skinner

FILING DATE

September 8, 2003

GROUP ART UNIT

3748

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	6,179,589	01/30/2001	Bass et al.	<del>418</del>	<del>55.1</del>	
	6,186,753	02/13/2001	Hugenroth et al.	<del>418</del>	<del>55.1</del>	
	6,224,356	05/01/2001	Dewar et al.	<del>418</del>	<del>55.1</del>	
	6,227,830	05/08/2001	Fields et al.	<del>418</del>	<del>55.1</del>	
TT	6,247,910	06/19/2001	Yokoyama	<del>418</del>	<del>55.1</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JUNE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
**TEC1215-01/C-507**

APPLICATION NO.  
**10/657,310**

**Robin G. Skinner**

FILING  
**September 8, 2003**

GROUP ART  
**3748**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	6,261,073	07/17/2001	Kumazawa	<del>418</del>	<del>63</del>	
TT	6,264,446	07/24/2001	Rajendran et al.	<del>418</del>	<del>56.6</del>	
TT	6,280,154	08/28/2001	Clendenin et al.	<del>417</del>	<del>410.5</del>	
TT	6,299,423	10/09/2001	Perevozchikov	<del>418</del>	<del>55.1</del>	
TT	6,305,912	10/23/2001	Svensen et al.	<del>417</del>	<del>313</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED **JUNE 15, 2005**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
TEC1215-01/C-507

APPLICATION NO.  
10/657,310

Robin G. Skinner

FILING  
September 8, 2003

GROUP ART  
3748

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT	6,402,485	06/11/2002	Hong et al.	<del>417</del>	<del>366</del>	

**U.S. PATENT APPLICATION PUBLICATIONS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

JWE 15, 2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.